

ABSTRACT OF THE DISCLOSURE

A channel is created within a planar layer. At least a portion of an optical path is formed within the channel. An optical core medium may be deposited into the channel. In various embodiments, reflective layers are

5 deposited within and over the channel to form the optical path. In another embodiment, a photosensitive sheet is exposed to an optical path mask in the presence of an optical source to define an optical path lying within the plane of the sheet.